

PD-201014 Customer No. 020991

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

Serial No.: 10/532,619

Filed:

October 16, 2003

For:

MAXIMIZING POWER AND

SPECTRAL EFFICIENCIES FOR LAYERED AND CONVENTIONAL

**MODULATIONS** 

Georaann S. Grunebach

Typed or printed name of person signing certificate

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Mail Stop Amendment, Commissioner for

PatentsoP. O. Box 1450, Alexandria, VA

mail in an envelope addressed to:

2231/3-1/450, on the date below.

Group Art Unit:

2637

Examiner:

To be determined

Date: October 13, 2005

## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

This statement should be considered because it is being submitted before the mailing of a first Office action on the merits under 37 C.F.R. §1.97(b)(3). Accordingly, it is submitted that no fee is due in this matter.

However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

| Serial No. | . 10/532,619                          | Page | 2 |
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Respectfully submitted,

By:

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October 13, 2005

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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| Substitute for form 1449/PTO      | Complete if Known      |                  |
|-----------------------------------|------------------------|------------------|
| INFORMATION DISCLOSURE            | Application Number     | 10/532,619       |
| STATEMENT BY APPLICANT            | Filing Date            | October 16, 2003 |
| (Use as many sheets as necessary) | First Named Inventor   | Ernest C. Chen   |
| (666 45 Man, 6866 46 Messessay,   | Art Unit               | 2637             |
|                                   | Examiner Name          | To be determined |
| Sheet 1 of 2                      | Attorney Docket Number | PD-201014        |

|                       | U.S. PATENT DOCUMENTS |                                   |                             |  |   |
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| Examiner<br>Initials* | Cite<br>No.           | Document Number  Number-Kind Code | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear |
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| Examiner Initials* | Cite<br>No.                     | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published. | Т |  |
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| Examiner  | Date       |
|-----------|------------|
| Signature | Considered |
|           |            |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08A (08-03)

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| (Use as many sheets as necessary) | First Named Inventor   | Ernest C. Chen   |  |
| (Coo as many shoots as necessary, | Art Unit               | 2637             |  |
|                                   | Examiner Name          | To be determined |  |
| Sheet 2 of 2                      | Attorney Docket Number | PD-201014        |  |

|                    |             | NON PATENT LITERATURE DOCUMENTS   |   |
|--------------------|-------------|---|---|
| Examiner Initials* | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.                          | Т |
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| Examiner<br>Signature | Date<br>Considered |  |
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